

OMPS Limb Cloud Data

OMPS limb cloud height data from ozone files.

Assume solid clouds below cloud top.

Compare with CALIOP

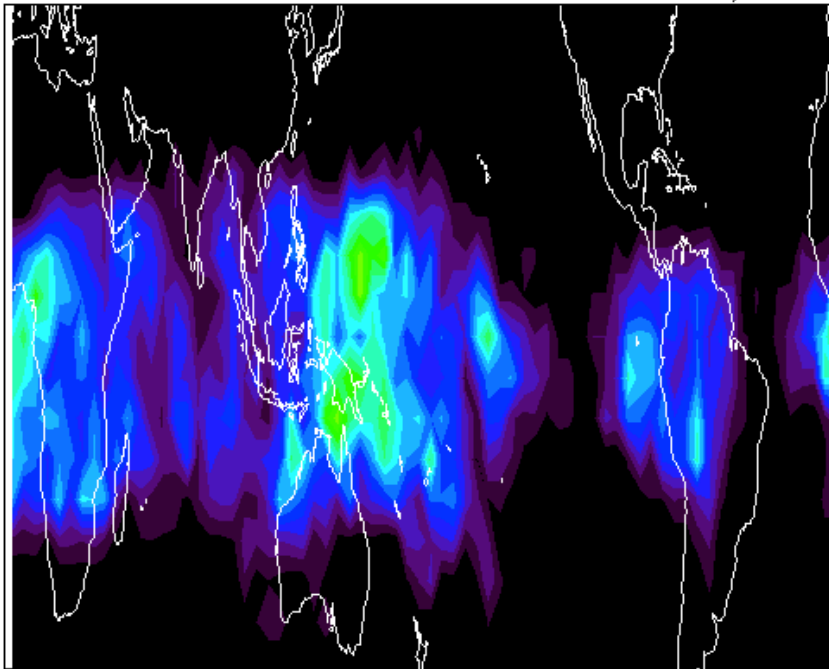
- Results are very preliminary

Mark Schoeberl STC

17-18 km

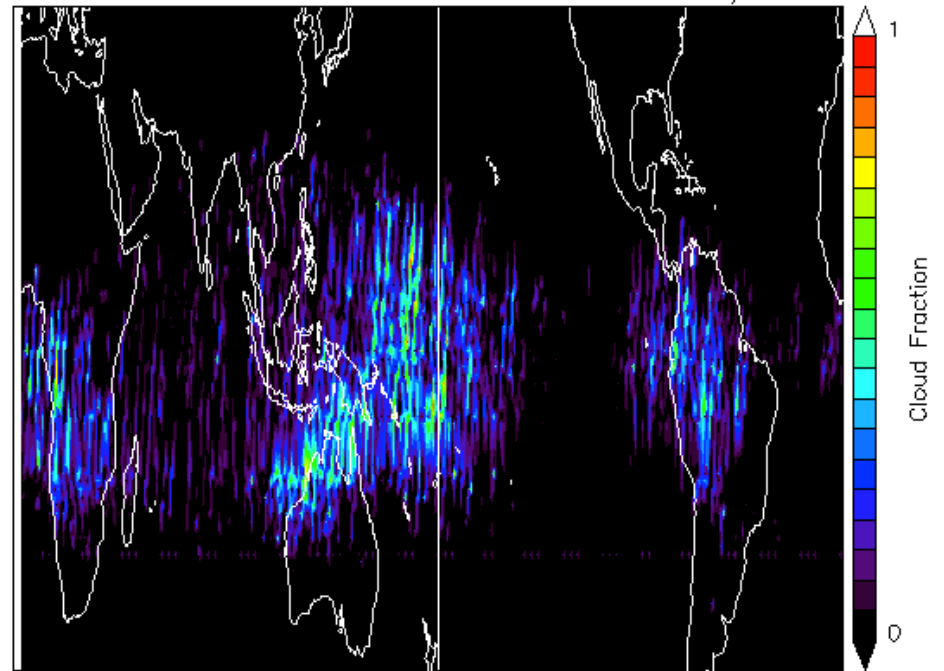
OMPS Limb

OMPS-L Cloud Fraction above 17km Winter 13/14



CALIOP

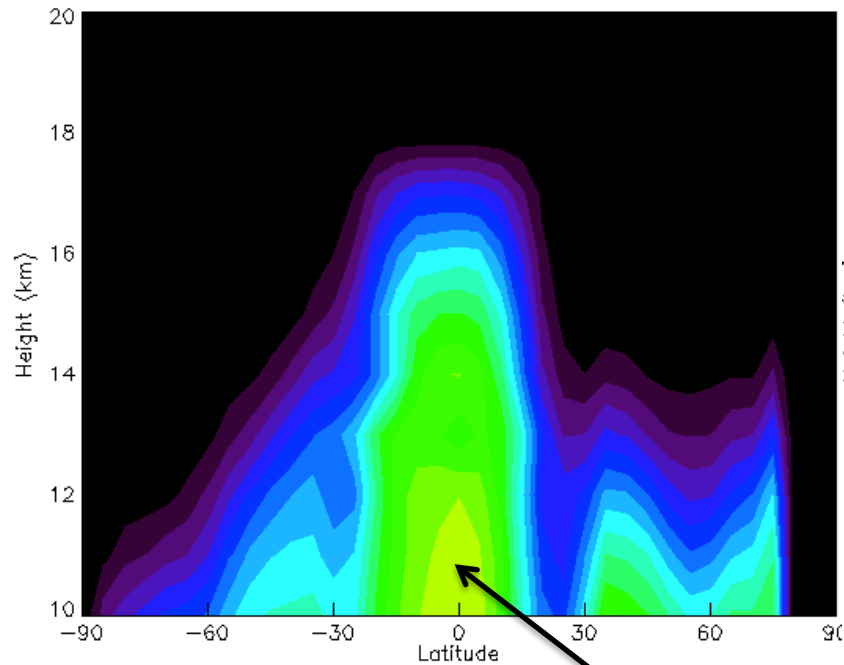
CALIOP Cloud Fraction above 17km Winter 13/14



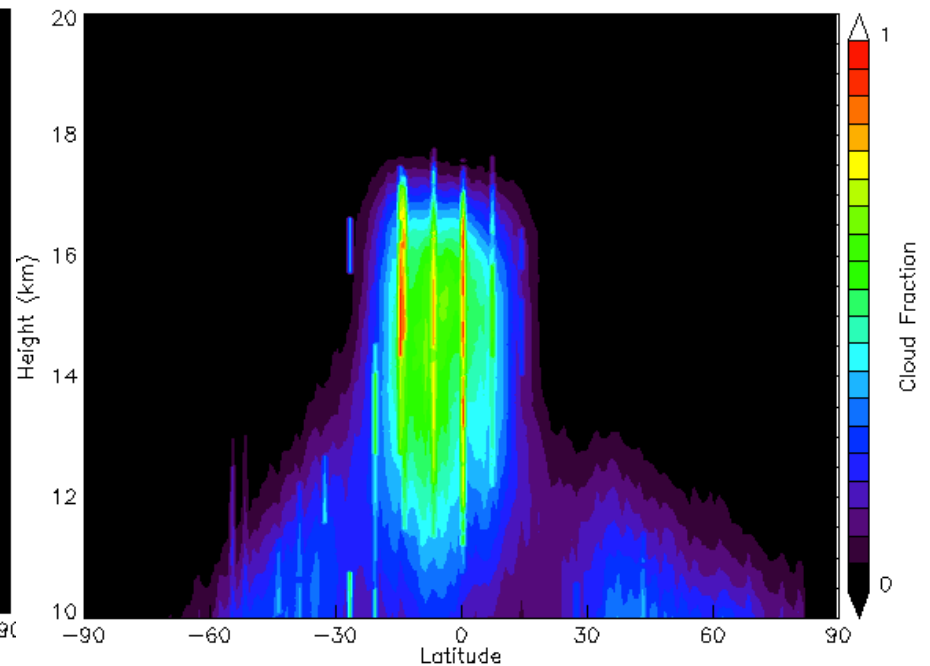
Generally reasonable agreement

Zonal Mean

OMPS Limb



CALIOP



Due to assuming clouds are solid down to surface

Summary Comments

- Data is easy to unpack but documentation is somewhat lacking
- Critical files are hard to find
 - Lots of files of marginal use for analysis
- Overall data set is quite intriguing and could be very useful. Possible combinations with CALIOP and MODIS cirrus